

**FIRST**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Application	10/559,819
Filing Date	December 8, 2005
First Named Inventor	Pierre Jurdic et al.
Examiner Name	
Attorney Docket No.	1032475-000040



Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
/QN/	4,485,097	A	E. Bell	11-27-1984

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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS				
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER
/QN/	WO 02/072842	A	PCT	09-19-2002				X	
/QN/	WO 04/111643	A2	PCT	12-23-2004					

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
/QN/	Destaing et al., "Podosomes Display Actin Turnover and Dynamic Self-Organization in Osteoclasts Expressing Actin-Green Fluorescent Protein," <i>Mol Biol Cell</i> , 14(2):407-16 (2003) Soc for Molecular Bio. & Evolution Lawrence, KS								
	Doglioli, P. et al., A Novel Spectrofluorometric Technique for Specific Biocompatibility Testing of Implantable Materials by Cell Culture: Report on Use for Multiparameter Analysis of Human Osteoblasts Cultured on Commercially Pure Titanium and Hydroxypatite," <i>Cytotechnology</i> , (2001) 35(2), 93-100								
	Doi, Y. et al., "Formation of Apatite-Collagen Complexes," <i>Journal of Biomedical Materials Research</i> , 31:43-49 (1996) John Wiley & Sons, Inc.								
	Jones, S. J. et al., "Simulation of Bone Resorption-Repair Coupling in Vitro," <i>Anatomy and Embryology</i> , 190(4) (1994) 339-349								
	Kikuchi M et al., "Self-organization Mechanism in a Bone-like Hydroxypatite/Collagen Nanocomposite Synthesized in Vitro and Its Biological Reaction in Vivo," 22(13) (July 2001) 1705-1711, <i>Biomaterials</i> , Elsevier Science Publishers B.V. Barking, GB								
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	Mulari M.T.K. et al., "Osteoblast-like Cells Complete Osteoclastic Bone Resorption and Form New Mineralized Bone Matrix in Vitro," <i>Calcified Tissue International 2004 United States</i> , 75(3) (2004) 253-261								
/QN/	Mizuno, M. et al., "Cross-Linked Collagen Gel Spheres as a Useful Carrier for Cell Culture of MC 3 T 3-E 1 Clonal Osteogenic Cells," <i>Shika Kiso Igakkai Zasshi</i> , (1988) 30(6), 855-8								

Examiner Signature	/Quang Nguyen/	Date Considered	02/06/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Sheet 2 of 2

**NON-PATENT LITERATURE DOCUMENTS**

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/Q/N/	Rovira et al., "Colonization of a Calcium Phosphate/Elastin-Solubilized Peptide-Collagen Composite Material by Human Osteoblasts" <i>Biomaterials</i> , 17(15):1535-1540 (1996) Elsevier Science Publishers BV, Barking, GB
	Shibutani et al., "Use of Glass Slides Coated with Apatite-Collagen Complexes for Measurement of Osteoclastic Resorption Activity," <i>J Biomed Mater Res; Journal of Biomedical Materials Research</i> 2000 50(2) (2000) 153-159 John Wiley & Sons, New York, NY USA
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	Sun et al., "The Influence of Hydroxyapatite Particles on Osteoclast Cell Activities," <i>J Biomed Mater Res</i> 45(4):311-21 (1999) Wiley Interscience, Hoboken, NJ
	Traianedes, K. et al., "5-Lipoxygenase Metabolites Inhibit Bone Formation in Vitro," <i>Endocrinology</i> , 139(7) (July 1998) 3178-3184
/Q/N/	Yamanouchi K. et al, "Bone Formation by Transplanted Human Osteoblasts Cultured Within Collagen Sponge with Dexameethasone in Vitro," <i>Journal of Bone and Mineral Research</i> , 5(16) (May 2001), 857-867 New York , NY, US

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